

ABSTRACT

of The Disclosure

5 A system and method is disclosed for locating people or objects. In particular, the
present invention is a system and method for locating a wireless mobile station using a
plurality of mobile station location estimators. Accordingly, the system is useful for 911
emergency calls, tracking, routing, people and animal location including applications for
confinement to and exclusion from certain areas. More generally, the present invention is
10 a computational system and method for calibrating the relative performance of multiple
models, wherein each such model is capable of being activated for generating hypotheses
(e.g., estimates and/or predictions) of an unknown condition. Additionally, the present
invention is a computational system and method for generating enhanced hypotheses of
the unknown condition, wherein the model generated hypotheses are used as queries into
an archive that associates: (a) historical model generated hypotheses, (b) model input data
15 used in generating the model hypotheses, and (c) verified hypotheses to which the model
input data is known to correspond.